

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Previously Presented) A bicycle rim comprising:
an outer annular portion adapted to receive a tire thereon, said outer annular portion having an outer spoke attachment opening;
an inner annular portion fixedly coupled with said outer annular portion to form an annular hollow area therebetween, said inner annular portion having an inner spoke attachment opening aligned with said outer spoke attachment opening;
a first tubular spoke attachment portion heat fused to said outer annular portion at said outer spoke attachment opening; and
a second tubular spoke attachment portion heat fused to said inner annular portion at said inner spoke attachment opening;
said first and second tubular spoke attachment portions defining a spoke receiving space with an internal surface configured and dimensioned to secure an end of a spoke within said spoke receiving space, at least one of said first and second tubular spoke attachment portions having a rim abutment surface that contacts a radially facing surface of the rim to limit radial movement relative to the rim.

Claim 2 (Cancelled)

Claim 3 (Cancelled)

Claim 4 (Cancelled)

5. (Previously Presented) The bicycle rim according to claim 16, wherein each of said first tubular spoke attachment portions is integrally formed with one of said second tubular spoke attachment portions as a one-piece member with a longitudinally extending internal passageway that forms one of said spoke receiving spaces.

6. (Previously Presented) The bicycle rim according to claim 5, wherein said internal passageways are at least partially threaded.
7. (Previously Presented) The bicycle rim according to claim 6, wherein said internal passageways are through bores.
8. (Previously Presented - Withdrawn) The bicycle rim according to claim 6, wherein said internal passageways are blind bores.
9. (Previously Presented - Withdrawn) The bicycle rim according to claim 5, wherein said internal passageways are stepped through bores with each stepped through bore having an internal abutment surface.
10. (Previously Presented - Withdrawn) The bicycle rim according to claim 16, wherein said first tubular spoke attachment portions are separate members from said second tubular spoke attachment portions.
11. (Previously Presented - Withdrawn) The bicycle rim according to claim 10, wherein each of the first and second tubular spoke attachment portions has an internal bore formed therein that is at least partially threaded such that said internal bores of both said first and second tubular spoke attachment portions at least partially define said spoke receiving spaces.
12. (Previously Presented) The bicycle rim according to claim 16, wherein said first tubular spoke attachment portions are at least partially located within said outer spoke attachment openings; and

said second tubular spoke attachment portions are at least partially located within said inner spoke attachment openings.

13. (Previously Presented) The bicycle rim according to claim 12, wherein said first tubular spoke attachment portions extend radially inwardly from said outer annular portion into said hollow area of said rim; and
said second tubular spoke attachment portions extend radially outwardly from said inner annular portion into said hollow area of said rim.

14. (Previously Presented) The bicycle rim according to claim 16, wherein said first tubular spoke attachment portions and second tubular spoke attachment portions are welded to said outer and inner annular portions, respectively.

15. (Previously Presented) The bicycle rim according to claim 16, wherein said first tubular spoke attachment portions and said second tubular spoke attachment portions are brazed to said outer and inner annular portions, respectively.

16. (Previously Presented) A bicycle rim comprising:
an outer annular portion adapted to receive a tire thereon, said outer annular portion having a plurality of circumferentially spaced outer spoke attachment openings;
an inner annular portion fixedly coupled with said outer annular portion to form an annular hollow area therebetween, said inner annular portion having a plurality of circumferentially spaced inner spoke attachment openings aligned with said outer spoke attachment openings;

a plurality of first tubular spoke attachment portions fixedly coupled to said outer annular portion at said outer spoke attachment openings; and

a plurality of second tubular spoke attachment portions fixedly coupled to said inner annular portion at said inner spoke attachment openings;

said first and second tubular spoke attachment portions defining a plurality of circumferentially spaced spoke receiving spaces,

said first tubular spoke attachment portions being heat fused to said outer annular portion and said second tubular spoke attachment portions being heat fused to said inner annular portion.

17. (Currently Amended) A bicycle wheel comprising:
an annular rim including:

- an outer annular portion adapted to receive a tire thereon, said outer annular portion having a plurality of circumferentially spaced outer spoke attachment openings,

- an inner annular portion fixedly coupled with said outer annular portion to form an annular hollow area therebetween, said inner annular portion having a plurality of circumferentially spaced inner spoke attachment openings aligned with said outer spoke attachment openings,

- a plurality of first tubular spoke attachment portions being heat fused to said outer annular portion at said outer spoke attachment openings, each of said first tubular spoke attachment portions having a first internal bore,

- a plurality of second tubular spoke attachment portions being heat fused to said inner annular portion at said inner spoke attachment openings, each of said second tubular spoke attachment portions having a second internal bore, said second internal bores being aligned with said first internal bores to form a plurality of spoke receiving spaces, each spoke receiving space being at least partially threaded;

- a plurality of spokes with each of said spokes including an outer end portion, an inner end portion and an elongated central portion extending between said outer end portion and said inner end portion, each of said outer end portions of said spokes being integrally formed with one of said elongated central portions as a one-piece member, each of said outer end portions of said spokes being directly threadedly coupled within one of said spoke receiving spaces; and

- a central hub with said inner end portions of said spokes coupled thereto.

Claim 18 (Cancelled)

Claim 19 (Cancelled)

Claim 20 (Cancelled)

21. (Previously Presented) The bicycle wheel according to claim 17,
wherein

each of said first tubular spoke attachment portions is integrally formed with one of said second tubular spoke attachment portions as a one-piece member with a longitudinally extending internal passageway that forms said spoke receiving space.

22. (Original) The bicycle wheel according to claim 21, wherein
each of said internal passageways is a through bore.

23. (Original - Withdrawn) The bicycle wheel according to claim 21,
wherein
each of said internal passageways is a blind bore.

24. (Original - Withdrawn) The bicycle wheel according to claim 17,
wherein
said first tubular spoke attachment portions are separate members from said second tubular spoke attachment portions such that each of said first and second internal bores partially defines one of said spoke receiving spaces.

25. (Original - Withdrawn) The bicycle wheel according to claim 24,
wherein
each of said first and second internal bores is at least partially threaded.

26. (Original) The bicycle wheel according to claim 17, wherein
said first tubular spoke attachment portions are at least partially located within said outer spoke attachment openings; and

said second tubular spoke attachment portions are at least partially located within said inner spoke attachment openings.

27. (Original) The bicycle wheel according to claim 26, wherein
said first tubular spoke attachment portions extend radially inwardly from said outer annular portion into said hollow area of said rim; and
said second tubular spoke attachment portions extend radially outwardly from said inner annular portion into said hollow area of said rim.

28. (Previously Presented) The bicycle wheel according to claim 17,
wherein
said first tubular spoke attachment portions and said second tubular spoke attachment portions are welded to said outer and inner annular portions, respectively.

29. (Previously Presented) The bicycle wheel according to claim 17,
wherein
said first tubular spoke attachment portions and said second tubular spoke attachment portions are brazed to said outer and inner annular portions, respectively.

30. (Previously Presented) The bicycle wheel according to claim 17,
wherein
each of said inner end portions of said spokes includes a threaded shaft section that is integrally formed with one of said elongated central portions as a one-piece member, and
each of said threaded shaft sections is threadedly coupled to a spoke nipple that is rotatably coupled to said central hub.

31. (Previously Presented) The bicycle wheel according to claim 17,
wherein
at least one of said first tubular spoke attachment portions and said second tubular spoke attachment portions having a rim abutment surface that contacts a radially facing surface of the rim to limit radial movement of the rim, respectively.

32. (Previously Presented) The bicycle wheel according to claim 17,
wherein
all of said first tubular spoke attachment portions are identical to each other and all of
said second tubular spoke attachment portions are identical to each other.

33. (Previously Presented) The bicycle wheel according to claim 17,
wherein
said first tubular spoke attachment portions are constructed of the same material as the
outer annular portion and said second tubular spoke attachment portions are constructed of
the same material as the inner annular portion.

34. (Previously Presented) The bicycle rim according to claim 16, wherein
at least one of said first tubular spoke attachment portions and said second tubular
spoke attachment portions having a rim abutment surface that contacts a radially facing
surface of the rim to limit radial movement of the rim, respectively.

35. (Previously Presented) The bicycle rim according to claim 16, wherein
all of said first tubular spoke attachment portions are identical to each other and all of
said second tubular spoke attachment portions are identical to each other.

36. (Previously Presented) The bicycle rim according to claim 16, wherein
said first tubular spoke attachment portions are constructed of the same material as the
outer annular portion and said second tubular spoke attachment portions are constructed of
the same material as the inner annular portion.